**Pablo Juan Ross (USA/Argentina)**

Dr. Pablo Juan Ross is chief scientific officer at Inguran, LLC (Sexing Technologies/STgenetics), where he leads the company's global scientific strategy in reproductive technologies, including sperm sex sorting, advanced embryo production, genomics, stem cell biology, and livestock innovation. Prior to joining STgenetics in 2020, he served as professor and vice chair of the Department of Animal Science at the University of California, Davis, where he led internationally recognized research programs in embryo development, epigenetics, gene editing, stem cell biology, genomics, and reproductive technologies. Earlier in his career, he was a research assistant professor at Michigan State University. Dr. Ross earned his DVM from the National University of La Plata, Argentina, his MS from the National University of Mar del Plata, and his PhD in animal science from Michigan State University.

Throughout his career, Dr. Ross has combined fundamental and translational research to advance embryo technologies and reproductive biology. His research has made pioneering contributions to several emerging areas of animal biotechnology, including livestock embryonic stem cell systems, embryo-based gene editing approaches, epigenomic profiling of early embryos, and functional annotation of livestock genomes. These efforts have contributed to a deeper understanding of embryo development, genetic regulation, and the application of emerging technologies for animal improvement. He has published more than 120 peer-reviewed articles in leading scientific journals, presented his work in more than 20 countries at many of the most influential reproductive biology conferences, developed multiple patented technologies, and mentored more than 30 graduate students and postdoctoral scholars. His scientific contributions have been recognized through numerous honors, including election as a Fellow of the American Association for the Advancement of Science (AAAS), a Fulbright Scholarship, and the IETS Early Career Achievement Award.

Dr. Ross has been a member of the IETS since 2002, when he attended his first Annual Conference in Foz do Iguaçu, Brazil. That meeting profoundly influenced the direction of his career and demonstrated the unique value of the IETS as a community where scientific excellence, mentorship, and lifelong collaborations flourish. Since then, he has remained deeply committed to the Society. In 2014, he served as co-chair of the Annual Conference in Reno, a memorable meeting that expanded opportunities for oral scientific presentations and featured innovative hands-on embryo technology training with cattle at the conference venue. He later served as a trustee of the IETS Foundation and as an elected member of the IETS Board of Governors. Throughout the years, he has been dedicated to supporting the next generation of embryo technologists. Several trainees from his laboratory have received IETS graduate student research and poster awards, and he has consistently supported the Morulas student group, most recently contributing a webinar to its educational initiatives. In recognition of his commitment to education and trainee development, he received the 2013 Morulas Recognition for Advancing the Education of the International Embryo Technology Society.

Looking back over more than two decades of membership, Dr. Ross believes that many of the defining opportunities in his career can be traced back to the IETS. The IETS has been the place where enduring collaborations began, where ideas were strengthened through discussions with colleagues, and where presenting his research created connections with many of the scientists

who would later review his grants and manuscripts, and become valued collaborators and friends. These experiences have shaped his conviction that the IETS plays a unique role in advancing both scientific discovery and its practical application.

Having spent much of his career in academia before leading global research and innovation in industry, Dr. Ross brings a perspective that spans the full spectrum of the IETS membership. Throughout his career, he has engaged with the many disciplines and activities that define the Society—from working directly with animals performing reproductive management, ultrasonography, artificial insemination, embryo transfer, and oocyte pick-up procedures, to conducting laboratory-based research in IVF, somatic cell nuclear transfer, stem cell biology, and embryo culture. He has also worked at the interface of computational biology and molecular sciences, including genome editing, epigenetic analysis, and transcriptomic studies of embryos. This broad experience has provided him with a unique appreciation of the challenges and opportunities faced by practitioners, researchers, and industry professionals.

Dr. Ross understands the priorities of scientists striving to answer fundamental biological questions, as well as the needs of practitioners and industry leaders translating discoveries into technologies that improve animal reproduction worldwide. He believes this unique combination of hands-on experience, scientific expertise, and industry leadership positions him to represent and serve all sectors of the IETS.

As a member of the IETS leadership team, Dr. Ross would work to strengthen collaboration among scientists, practitioners, and industry, foster international engagement, and expand opportunities for students and early-career professionals. He is particularly committed to creating meaningful opportunities for members to become actively involved in the IETS. Based on his own experience, he believes that members who actively participate in the IETS become more engaged, develop lasting professional relationships, and are more likely to remain active contributors throughout their careers. Encouraging this culture of participation will not only enrich individual members but will also strengthen the IETS and ensure its continued leadership in advancing embryo technologies worldwide.